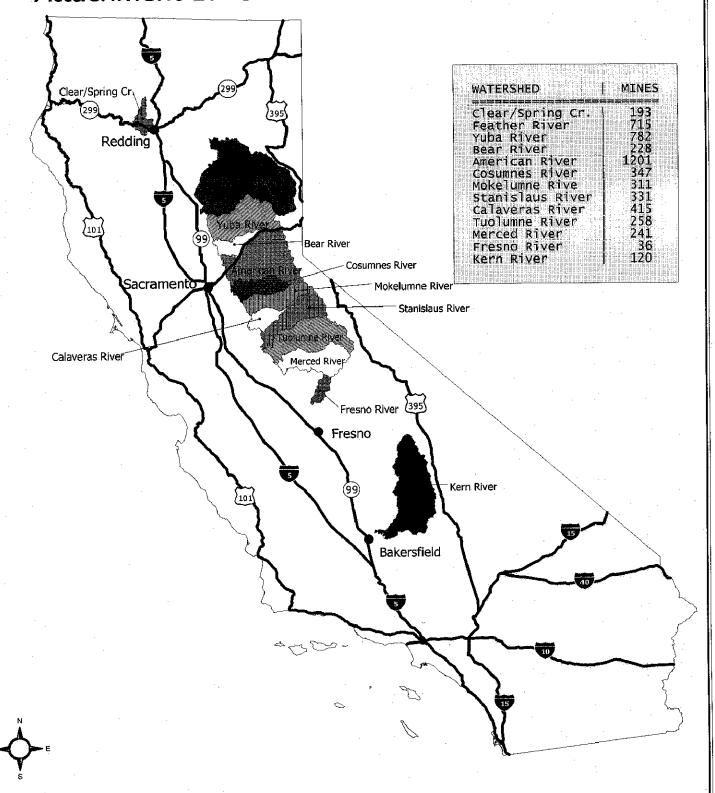
Attachment 1: CALFED TARGET WATERSHEDS





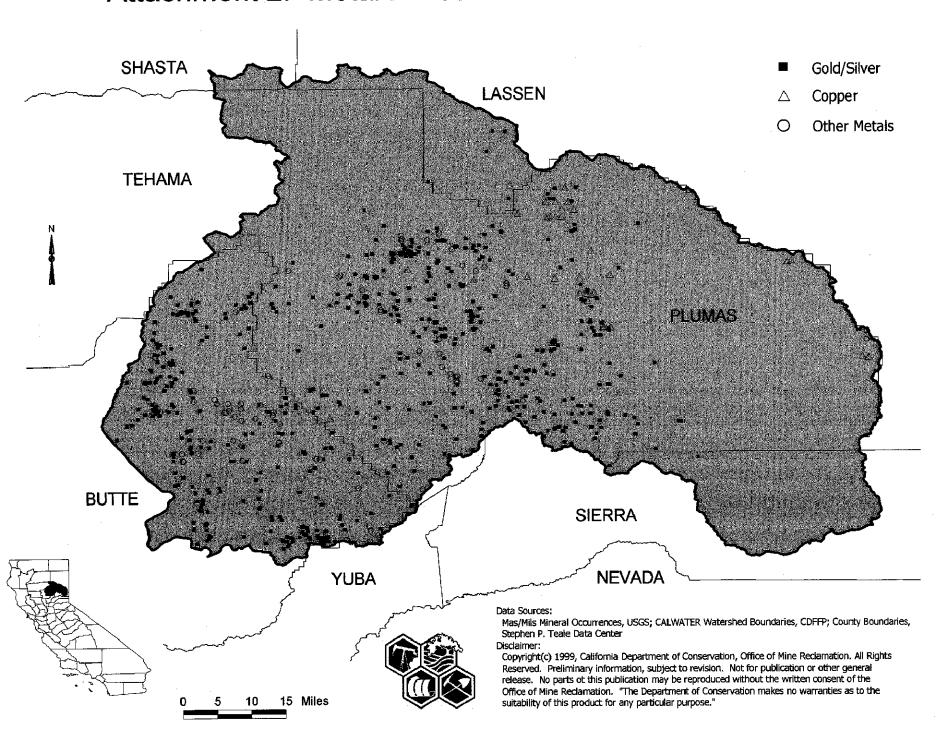
Data Sources:

Mas/Mils Mineral Occurrences, USGS; CALWATER Watershed Boundaries, CDFFP; Roads, Cities and County Boundaries, Stephen P. Teale Data Center

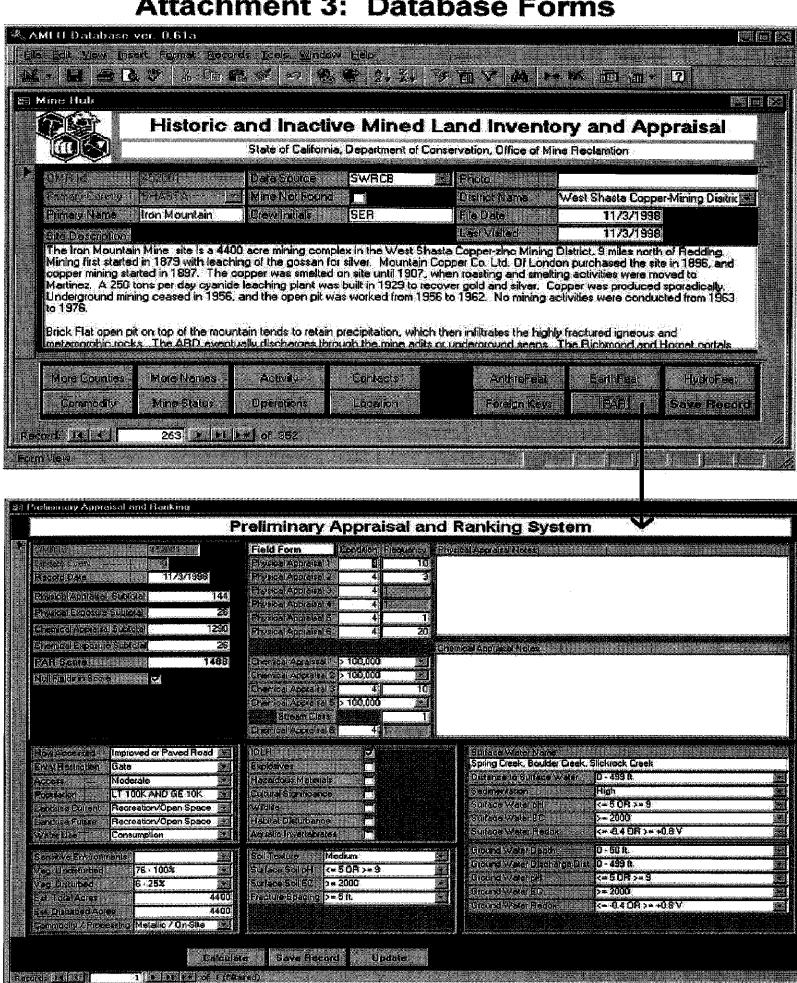
Disclalmer:

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Attachment 2: Metal Mines of the Feather River Watershed

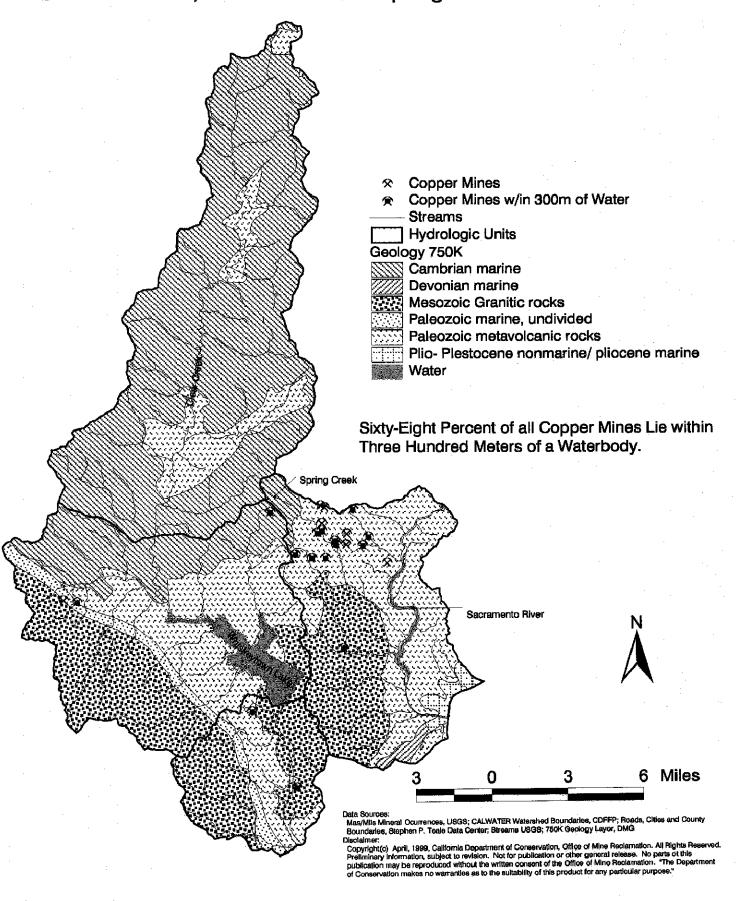


Attachment 3: Database Forms



Reports 14 3

Attachment 4: Sample Spatial Analysis: Copper Mines Within 300m of Waterbodies, Clear Creek and Spring Creek Watersheds



DEPARTMENT OF CONSERVATION

801 K Street, MS 09-06 Sacramento, CA 95814 TEL: (916) 323-9198

FAX: (916) 322-4862

E-MAIL: omrcal@consrv.ca.gov



October 26, 1998

Bill Walker Shasta County Planning 701 Ocean Street, Room 102 Redding, CA 96001

Dear Bill:

As proposed at the last Abandoned Mine Task Force Meeting, our staff will be beginning a screening-level field inventory of abandoned mines in Shasta County commencing in December. The purpose of this inventory is to accurately locate mine sites (using GPS), document features (such as adits and structures) utilizing digital imagery, and conduct a preliminary (non-intrusive) evaluation of the conditions present at each site.

The general statement about the new Abandoned Mine Lands Unit is enclosed. For the talk to your Board, I plan to largely cover the contents of this enclosure and provide a few maps of mine data for your County.

Because of limited funding, staff and time constraints, only a fraction of the mines known to exist in Shasta County can be inventoried at this stage of the project. For this reason we are only able to field inventory a limited number of mines in selected sample areas (watersheds) for study. We propose to inventory a selected number of abandoned mines located within the Clear Creek Watershed. As part of the agreement, any data we gather will be given to you at the completion of the inventory work. Data will be in a Microsoft Access database, linked to ArcView GIS.

Please let me know if you need any more information on the program. I look forward to seeing you on November 10th. I can be reached at (916) 323-8564 or via email at gnewton@consrv.ca.gov.

Sincerely,

Gail A. Newton, Manager Abandoned Mine Lands Unit

Enclosure

OMB Approval No. 0348-0043 2. DATE SUBMITTED APPLICATION FOR Applicant Identifier April 14, 1999 **FEDERAL ASSISTANCE** 1. TYPE OF SUBMISSION 3. DATE RECEIVED BY STATE State Applicant Identifier Application Preapplication ☐ Construction Construction 4. DATE RECEIVED BY FEDERAL AGENCY Federal Identifier ■ Non-Construction Non-Construction 5. APPLICANT INFORMATION Office of Mine Reclamation Organizational Unit: Department of Conservation Legal Name: Name and telephone number of person to be contacted on matters involving this Address (give city, county, state, and zip code): application (give area code) Office of Mine Reclamation Gail Newton, (916) 323-8564 Technical: Sacramento, Sacramento, CA 95814 **Budgetary:** same. Contractual: same, 7. TYPE OF APPLICANT: (enter appropriate letter in box) Ä 6. EMPLOYER IDENTIFICATION NUMBER (EIN): 6 0 A. State H. Independent School Dist. B. County State Controlled Institution of Higher Learning C. Municipal Private University 8, TYPE OF APPLICATION: K. Indian Tribe D. Township E. Interstate Individual Continuation ☐ Revision ⊠ New F. Intermunicipal M. Profit Organization N. Other (Specify) G. Special District If Revision, enter appropriate letter(s) in box(es): C. Increase Duration B. Decrease Award A. Increase Award 9. NAME OF FEDERAL AGENCY: D. Decrease Duration Other (specify): 11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: 10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: Abandoned Mine Inventory, CALFED's Targeted Watersheds TITLE: CALFED 12. AREAS AFFECTED BY PROJECT (cities, counties, states, etc.): California 14. CONGRESSIONAL DISTRICTS OF: 13. PROPOSED PROJECT: b. Project a. Applicant **Ending Date** Start Date Statewide 06/02 10/99 16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE 15. ESTIMATED FUNDING: **ORDER 12372 PROCESS?** a. Federal 2,103,322.00 a. YES, THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THESTATE EXECUTIVE ORDER 12372 b. Applicant \$ 00 PROCESS FOR REVIEW ON: 617,000.00 c. State DATE d. Local aa s b. NO. PROGRAM IS NOT COVERED BY E.O. 12372 OR PROGRAM HAS NOT BEEN SELECTED BY STATE OΩ e. Other \$ FOR REVIEW f. Program income 00 s 17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? X No If "Yes," attach an explanation. ☐ Yes 2,720,322.00 g. TOTAL 18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF ASSISTANCE IS AWARDED. c. Telephone number a. Typed Name of Authorized Representative b Title (916) 323-9198 **Assistant Director**

Previous Editions Usable Authorized for Local Reproduction

d. Signature of Authorized Representative

Gleng Stober

Standard Form 424 (REV. 4-92) Prescribed by OM8 Circular A-102

Date Signed

BUDGET INFORMATION - Non-Construction Programs

作的物品的色彩和新聞			SECTION A BUDGET SUMB			
Grant Program Catalog of Federal Function Domestic Assistance		Estimated Unobligated Funds				
or Activity (a)	Number (b)	Federal (¢)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
I. CALFED		\$	()	\$2,103,332	\$	\$2,103,332
2. AMLU	N/A				\$617,000	\$617,000
3.						\$0
ı.						\$0
5. TOTALS		\$0	\$0	\$2,103,332	\$617,000	\$2,720,332
S. OBJECT CLASS CATEGORIES		(1) CALFED	Total (5)			
a. Personnel		\$ \$588,977	\$ \$247,136	\$	\$	\$836,113
b. Fringe Benefits		\$194,363	\$81,555			\$275,918
c. Travel		\$176,650	\$27,955			\$204,605
d. Equipment		\$100,000	\$157,000			\$257,000
e. Supplies	-		\$27,000			\$27,000
f. Contractual		\$831,840				\$831,840
g. Construction						\$0
h. Other			\$12,906			\$12,906
i. Total Direct Charges (sum of 6a-6h)		\$1,891,830	\$553,552			\$2,445,382
j. Indirect Charges		\$211,502	\$63,448			\$274,950
k. TOTALS (sum of 6i and 6j)		\$2,103,332	\$617,000			\$2,720,332
PROGRAM INCOME		\$0	\$0	\$0	\$0	\$0

		TION C. NON FEDERAL RES			
(a) Grant Program		(b) Applicant	(c) State	(d) Other sources	(e) TOTALS
8.		\$0	\$0	\$0	\$0
9. AMLU (CASH)			\$460,000		\$460,000
10. AMLU (IN-KIND)			\$157,000		\$157,000
11.					\$0
12. TOTALS (sum of lines 8 and 11)		\$0	\$617,000	\$0	\$617,000
	SEC	IION D. FORECASTED CAS	NEEDS THE STATE OF		
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$450,211	\$47,642	\$60,588	\$100,321	\$241,660
14. NonFederal	\$188,750	\$52,500	\$52,500	\$52,500	\$31,250
15. TOTAL (sum of lines 13 and 14)	\$638,961	\$100,142	\$113,088	\$152,821	\$272,910
THE RESULTING SECTION OF SECTION SECTI	ONE EUDGETESTIMALE	S OF FEDERAL FUNDS NEED		The state of the s	和作品担心制作的使用的现在分
(a) Grant Program		(b) First	(c)Second	PERIODS (YEARS) (d) Third	(e) Fourth
16. CALFED		Φ.	¢		
16. CALFED		\$1,083,597	\$569,524	•	\$
16. CALFED 17.		\$1,083,597	\$569,524	Ψ	-
		\$1,083,597	\$569,524	Ψ	
17.		\$1,083,597	\$569,524	Ψ	**************************************
17. 18.		\$1,083,597 \$1,083,597	\$569,524 \$569,524	\$0	\$ \$0
17. 18. 19.		\$1,083,597	\$569,524		
17. 18. 19.		\$1,083,597 \$1,083,597	\$569,524 FORMATION: \$211,502		\$0 expenses only at 27%
17. 18. 19. 20. TOTALS (sum of lines 16 - 19)		\$1,083,597 \$1,083,597 F-OTHER/BUDGEFIN	\$569,524 FORMATION: \$211,502	\$0 FED: provisional on personnel	\$0 expenses only at 27%

ASSURANCES—NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 45 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget. Paperwork Reduction Project (0348-0043), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET, SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

Note:

Certain of these assurances may not be applicable to your project or program. If you have questions please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant I certify that the applicant:

- 1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
- Will give the awarding agency, the Comptroller General of the United States, and if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
- 3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
- 4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency
- 5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§ 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
- 6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§ 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation

- Act of 1973, as amended (29 U.S.C. § 794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§ 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-2S5), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§ 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. § 3601 et seq.), as amended, relating to non-discrimination in the sale, rental or financing of housing: (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
- 7. Will comply, or has already complied, with the requirements of Titles II and 111 of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
- 8. Will comply with the provisions of the Hatch Act (5 U.S.C. §§ 1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

- 9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§ 276a to 276a7), the Copeland Act (40 U.S.C. § 276c and 18 U.S.C. §§ 874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§ 327-33.3), regarding labor standards for federally assisted construction subagreements.
- 10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
- 11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e)assurance of project consistency with the approved State management Coastal developed under the program Management Act of 1972 (16 U.S.C. §§ 1451 et seq.); (f) conformity of Federal actions to State (Clear Air) Implementation Plans under Section 176(c) of the Clear Air Act of 1955, as amended (42 U.S.C. § 7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended, (P.L. 93-523); and (h) protection of endangered species under the Endangered Species Act of 1973, as amended, (P.L. 93-205).

- 12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§ 1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
- 13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 469a-1 et seq.).
- 14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
- 15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. 2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
- 16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§ 4801 et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
- 17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act of 1984 or OMB Circular No. A-133, Audits of Institutions of Higher Learning and other Non-profit Institutions.
- 18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations and policies governing this program.

TITLE	
Assistant Director	
	DATE SUBMITTED
	April 14, 1999